

## EAST Search History

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|--|------------------|---------|---------------------|
| S1    | 15    | ((("5034207") or ("5705137") or ("5859117") or ("11045122") or ("10656164") or ("9934471") or ("9940438") or ("10079479")).PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/24<br>11:39 |
| S2    | 0     | ("US-204569-\$.did.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>15:11 |
| S3    | 0     | ("US-204569-\$.did.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>15:13 |
| S4    | 0     | ("EP-1348669-\$.did.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>15:18 |
| S5    | 0     | ("10656164").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>16:22 |
| S6    | 0     | (efficient adj matting adj agent) same (precipitated adj silicas)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>16:24 |
| S7    | 0     | (efficient adj matting adj agent)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>16:24 |
| S8    | 15027 | precipit\$5 adj silic\$3   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>16:24 |
| S9    | 0     | precipited adj silicas   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/23<br>16:24 |
| S10   | 0     | ("ep-922671-\$.did.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/08/29<br>09:02 |

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| S11 | 0    | ("de-10058616-\$.did.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/24<br>11:49 |
| S12 | 2    | ("6902715").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/24<br>11:50 |
| S13 | 6    | ("4495167"   "4941820"  <br>"5638609"   "5883139"  <br>"6180076"   "6383280").PN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON  | 2006/08/24<br>15:48 |
| S14 | 0    | ("de-10058616-\$.did.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/24<br>15:49 |
| S15 | 2    | de-10058616-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/25<br>11:51 |
| S16 | 2    | ("4495167").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/24<br>16:30 |
| S17 | 1    | ((matting adj agent) or<br>(delustering adj agent) or<br>(silica adj particle) or<br>silicas) and (paint or ink)<br>and (gloss adj angle) and<br>BET and DBP and ("d.<br>sup."\$3 or "d.sub."\$3 or<br>d10 or "50" or d90) and<br>density | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/25<br>12:05 |
| S18 | 5042 | (106/400.ccls.) or<br>(524/492-493.ccls.) or<br>(423/335.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/25<br>12:07 |
| S19 | 1    | S18 and (BET and DBP<br>and (gloss adj angle) and<br>(d50 d90 d10 "d.sup."\$3<br>"d.sub."\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/25<br>12:09 |
| S20 | 819  | S18 and silic\$4 and (paint<br>or ink)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/25<br>16:05 |
| S21 | 8660 | (silica\$3 and (catalyst adj<br>carrier) or (coil adj<br>coating))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/25<br>16:06 |

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| S22 | 14   | (silica\$3 and (catalyst adj carrier) or (coil adj coating)) and BET and DBP | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:40 |
| S23 | 1    | de-3144299-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:37 |
| S24 | 763  | 523/212.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:40 |
| S25 | 90   | 523/212.ccls. and 524/493.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:40 |
| S26 | 2722 | 523/212.ccls. or 524/493.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:41 |
| S27 | 150  | S26 and (d50 d10 d90 "d. sup."\$3 "d.sub."\$3)                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:43 |
| S28 | 133  | S26 and (d50 d10 d90 "d. sup."\$3 "d.sub."\$3) and silica\$3                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:44 |
| S29 | 17   | L* and BET and DBP   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/25<br>16:44 |
| S30 | 20   | S28 and BET and DBP  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/28<br>15:20 |
| S31 | 1    | de-3144299-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/28<br>12:57 |
| S32 | 2722 | 523/212.ccls. or 524/493.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/28<br>15:20 |
| S33 | 133  | S32 and (d50 d10 d90 "d. sup."\$3 "d.sub."\$3) and silica\$3                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2006/08/28<br>15:20 |

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| S34 | 20   | S33 and BET and DBP  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/28<br>15:20 |
| S35 | 6    | S34 and (paint\$4 or ink)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/28<br>15:21 |
| S36 | 0    | ("ep-922691-\$.did.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/29<br>09:08 |
| S37 | 0    | ("ep-1182233-\$.did.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/29<br>09:27 |
| S38 | 5    | ("2838413").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/29<br>09:31 |
| S39 | 0    | ("de-1592865-\$.did.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2006/08/29<br>09:31 |
| S40 | 2723 | 523/212.ccls. or 524/493.<br>ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>09:37 |
| S41 | 133  | S40 and (d50 d10 d90 "d.<br>sup."\$3 "d.sub."\$3) and<br>silica\$3 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>09:37 |
| S42 | 20   | S41 and BET and DBP  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>15:19 |
| S43 | 1    | ca-2255456-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>16:13 |
| S44 | 1    | 1999-329337.NRAN.  | DERWENT  | OR | ON  | 2006/08/29<br>15:20 |
| S45 | 2    | 11/045122  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>16:15 |
| S46 | 1    | 10/656164  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>16:15 |

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| S47 | 2    | 09/934471  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>16:16 |
| S48 | 2    | 09/940438  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>16:17 |
| S49 | 2    | 10/079479  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2006/08/29<br>16:17 |
| S50 | 410  | 106/400.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/04/11<br>09:54 |
| S51 | 773  | 523/212.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/04/11<br>09:55 |
| S52 | 3516 | 524/492-493.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/04/11<br>09:55 |
| S53 | 4573 | S50 S51 S52  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/04/11<br>09:55 |
| S54 | 0    | S53 and ((precipitated<br>near silica) same density<br>same "DBP index" same<br>"BET surface")                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/04/11<br>09:56 |
| S55 | 71   | S53 and ((precipitated<br>near silica) same density)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/04/11<br>09:56 |
| S56 | 5    | ((precipitated near5 silica)<br>same ("BET" or (surface<br>near2 area)) same "DBP"<br>same density same<br>(particle near2 size) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>11:59 |
| S57 | 9    | ("2255456").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/10/09<br>14:23 |
| S58 | 2    | ("6383280").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/10/09<br>14:23 |

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| S59 | 2    | S58 and (matting or paint or ink)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:24 |
| S60 | 415  | 106/400.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:48 |
| S61 | 779  | 523/212.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:48 |
| S62 | 3655 | 524/492-493.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:48 |
| S63 | 4720 | S60 S61 S62  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:48 |
| S64 | 0    | S63 not S63  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:48 |
| S65 | 1013 | S63 and (precipitated near silica)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:49 |
| S66 | 7    | S63 and (precipitated near silica) and "BET" and "DBP" and (tamped near density) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/09<br>14:49 |
| S67 | 2    | ("6383280").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/14<br>16:12 |
| S68 | 31   | (precipitated near2 silica) same "BET" same "DBP" same density                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:25 |
| S69 | 428  | 106/400.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:26 |
| S70 | 791  | 523/212.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:26 |

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| S71 | 3714  | 524/492-493.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:26 |
| S72 | 4801  | S69 S70 S71   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:26 |
| S73 | 10    | S72 and S68   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:26 |
| S74 | 7760  | schubert.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:35 |
| S75 | 1434  | kuhlmann.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:35 |
| S76 | 66817 | christian.in.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:35 |
| S77 | 75897 | S74 S75 S76   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:36 |
| S78 | 13    | S77 and ((precipitated<br>near silica) same "BET"<br>same "DBP" same density) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/20<br>10:36 |
| S79 | 4     | ((("6921781") or<br>("6899951"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/04/28<br>11:35 |
| S80 | 2     | "20020150528"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/04/28<br>11:36 |
| S81 | 3     | "20030130379"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/04/28<br>11:36 |
| S82 | 3     | "20030144404"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/04/28<br>11:36 |

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| S83 | 6    | ((("20020150528") or ("20030130379") or ("20030144404")).PN.                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/04/28<br>11:37 |
| S84 | 0    | 106/71.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/04/28<br>17:41 |
| S85 | 0    | 106/70.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/04/28<br>17:41 |
| S86 | 10   | ((("20030144404") or ("20030130379") or ("20020150528") or ("6921781") or ("6899951")).PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/06<br>12:35 |
| S87 | 796  | 523/212.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/05/06<br>12:45 |
| S88 | 94   | 523/212.ccls. and 524/493.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/05/06<br>12:45 |
| S89 | 2968 | 523/212.ccls. or 524/493.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/05/06<br>12:45 |
| S90 | 2968 | S87 S88 S89  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/05/06<br>12:45 |
| S91 | 0    | S90 and silica and "BET" and "DBO" and density   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/05/06<br>12:46 |
| S92 | 42   | S90 and silica and "BET" and "DBP" and density and (particle near4 size)                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/05/06<br>12:46 |
| S93 | 12   | S90 and silica and "BET" and "DBP" and (tamped near5 density) and (particle near4 size)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/05/06<br>12:47 |

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